

# इंटरनेट

# मानक

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“Step Out From the Old to the New”

IS 8886-18 (1980): Ships' Ordinary Rectangular Windows, Part XVIII: Details of Glass Holder, Inward Opening Side Hinged, Heavy and Light Type Bolted and Welded Windows [TED 17: Shipbuilding]



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“Invent a New India Using Knowledge”



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard

SPECIFICATION FOR  
SHIPS' ORDINARY RECTANGULAR WINDOWSPART XVIII DETAILS OF GLASS HOLDER, INWARD OPENING, SIDE  
HINGED, HEAVY AND LIGHT TYPE BOLTED AND WELDED WINDOWS

**1. Scope** — Specifies the dimensions of glass holder for inward opening, side hinged, heavy and light type welded windows.

**1.1** This standard applies to both left and right hand opening windows.

**2. Terminology** — For the purpose of this standard, the terms and definitions given in IS : 8886 ( Part I )-1978 'Specification for ships' ordinary rectangular windows: Part I Types, and dimensions' shall apply.

**3. Material** — The material used for the construction of glass holder shall be according to IS : 8886 ( Part II )-1978 'Specification for ships' ordinary rectangular windows: Part II General requirements'.

**4. Dimensions**

**4.1** The dimensions of glass holder shall be as given in Table 1. For main dimensions of windows see IS : 8886 ( Part I )-1978.

**4.2** The position of hinges and lugs for swing bolts shall be according to IS : 8886 ( Part IV )-1980 'Specification for ships' ordinary rectangular windows: Part IV Details of position of lugs, for hinges and swing bolts and securing holes on the frame'.

**5. Tolerances** — The tolerances on dimensions shall conform to coarse series of IS : 2102-1969 'Allowable deviations for dimensions without specified tolerances ( *first revision* )' except on those dimensions indicated in Table 1.

Adopted 29 February 1980

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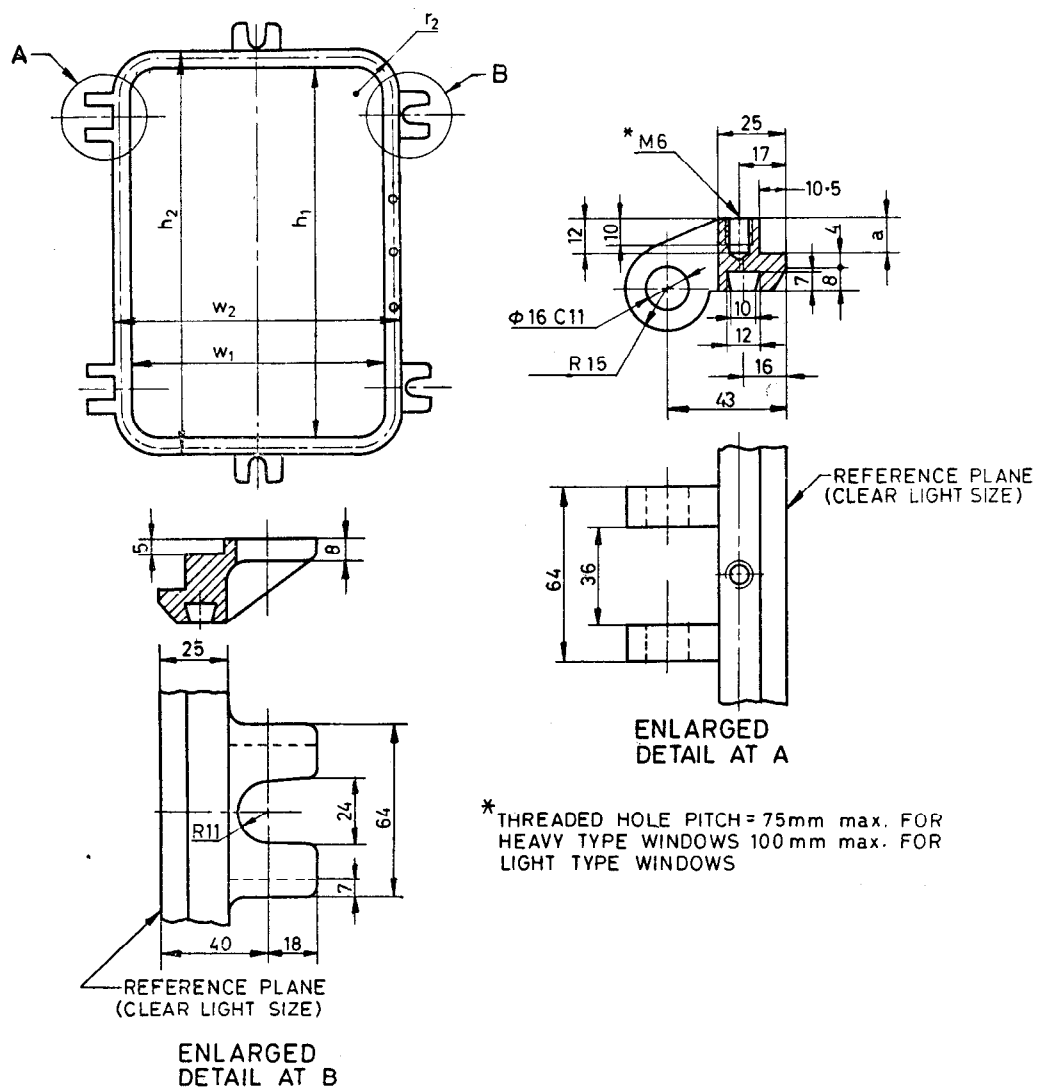
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**TABLE 1 DIMENSIONS OF GLASS HOLDER FOR INWARD OPENING, HEAVY AND LIGHT TYPE WINDOWS**

(Clauses 4.1 and 5)

All dimensions in millimetres.



Window No.	Nominal Size $w_1 \times h_1$	$w_2 \times h_2$	$r_2$	$a$		Minimum Number of Closing Devices
				Heavy Type	Light Type	
1	300 × 425	350 × 475	75	13	11	2
2	355 × 500	405 × 550	75	13	11	2
3	400 × 560	450 × 610	75	15	11	2
4	450 × 630	500 × 680	125	15	11	2
5	500 × 710	550 × 760	125	18	13	4
6	560 × 800	610 × 850	125	18	13	4

## EXPLANATORY NOTE

This standard is one of a series of Indian Standards on ships' rectangular windows. Other standards in the series are:

Part I Types and dimensions

Part II General requirements

Part III Positioning

Part IV Details of position of lugs for hinges and swing bolts and securing holes on the frame

Part V Details of frame, inward opening, side hinged, heavy type bolted windows

Part VI Details of frame, inward opening, side hinged, light type bolted windows

Part VII Details of frame, inward opening, side hinged, heavy and light type welded windows

Part VIII Details of frame, inward opening, top hinged, heavy type bolted windows

Part IX Details of frame, inward opening, top hinged, light type bolted windows

Part X Details of frame, inward opening, top hinged, heavy and light type welded windows

Part XI Details of frame, non-opening, heavy type bolted windows

Part XII Details of frame, non-opening, light type bolted windows

Part XIII Details of frame, non-opening, heavy type welded windows

Part XIV Details of frame, non-opening, light type welded windows

Part XV Details of frame, outward opening, side hinged, heavy type bolted windows

Part XVI Details of frame, outward opening, side hinged, light type bolted windows

Part XVII Details of frame, outward opening, side hinged, heavy and light type welded windows

Part XVIII Details of glass holder, inward opening, side hinged, heavy and light type bolted and welded windows

Part XIX Details of glass holder, outward opening, side hinged, heavy and light type bolted and welded windows

Part XX Details of glass holder, top hinged, heavy and light type bolted and welded windows

Part XXI Details of hinge pin

Part XXII Details of swing bolts and wing nuts

In the preparation of this standard assistance has been derived from the following:

ISO 3903-1977 Shipbuilding — Ships' ordinary rectangular windows. International Organization for Standardization ( ISO )

DIN 81650-1967 Rectangular windows for ships, directives for construction. Deutsches Institut für Normung.